



FortiWLM™ Wireless Manager



FortiWLM Wireless Manager

FWM-100D and 1000D

Wireless Appliances for Network Management

Fortinet's FortiWLM 100D and 1000D Wireless Manager series provides a hardware platform for supporting Fortinet's Infrastructure network software applications that cover network management, RF interference detection, and security. The FortiWLM 100D is designed for small enterprises, and the FortiWLM 1000D is designed for medium to large enterprises. Fortinet also includes, with all FortiWLM Wireless Manager appliances, built-in license support for the following applications for up to 50 APs:

- Network Manager — Provides wireless performance dashboards, RF visualization, centralized monitoring, configuration, fault management, visibility over long-term trends, and centralized reporting.
- Spectrum Manager — Detects and identifies both WiFi and non-WiFi interference on all channels all the time.
- Service Assurance Manager — Delivers end-to-end service assurance for the network and its applications.
- Wireless Intrusion Prevention System (WIPS) — Detects wireless intrusions using predefined and custom signatures on an integrated platform with other WLAN management applications.

Features

- Hardware platform to support Fortinet infrastructure wireless network applications
- Network management that supports monitoring, configuring and reporting of wireless network health
- RF interference detection and mitigation
- A choice of appliances sized to fit your business scale

Benefits

- Deliver comprehensive WLAN management
- Detect network congestion and poor wireless environments to improve user experience
- Delivers reporting and historical visibility



SPECIFICATIONS

	FWM-100D	FWM-1000D
Target Deployment	Small enterprises	Medium to large enterprises
Interfaces		
GE RJ45 Port	4	4
SFP Port	—	4
USB (Type-A)	1	2
Serial Console (RJ45)	1	1
Hard Disk	1x 1 TB	2x 2 TB
Capacity		
Maximum Number of Infrastructure Controllers Supported	20	250
Maximum Number of Infrastructure Access Points Supported	1,000	15,000
Maximum Number of Stations Supported	5,000	75,000
License		
Licenses Included (Number of APs) NM, SM, SAM, WIPS	50	50
Physical		
Mounting	1U rack mount	1U rack mount
Height x Width x Length (inches)	17.32 x 1.73 x 8.62	17.24 x 1.73 x 16.18
Height x Width x Length (mm)	440 x 44 x 219	438 x 44 x 411
Weight	7.72 lbs (3.5 kg)	19.62 lbs (8.9 kg)
Form Factor	1 RU	1 RU
Environment & Power		
Power Source	100–240V AC, 60–50 Hz, 65 W openframe single PSU	100–240V AC, 60–50 Hz, 300 W Redundant PSU
Power Consumption (Average / Maximum)	36 W / 28 W	192 W / 137 W
Current (Maximum)	100V/1.5A, 240V/1.5A	100V/5A, 240V/3A
Heat Dissipation	123 BTU/h	655 BTU/h
Operating Temperature	32–104°F (0–40°C)	32–104°F (0–40°C)
Storage Temperature	-13–158°F (-25–70°C)	-13–158°F (-25–70°C)
Humidity	5–95% non-condensing	5–95% non-condensing
Compliance		
Regulatory Approval	FCC part 15B Class B — USA UL 60950-1 — USA CSA C22.2 No. 60950-1-07 — Canada EN 60950-1 — EU IEC 60950-1 — International ICES-003 Class B — Canada EN55022 Class B — EU EN55024 — EU VCCI Class B — Japan	FCC part 15B Class A — USA UL 60950-1 — USA CSA C22.2 No. 60950-1-07 — Canada EN 60950-1 — EU IEC 60950-1 — International ICES-003 Class A — Canada EN55022 Class A — EU EN55024 — EU VCCI Class A — Japan
Certification	RoHS, REACH, WEEE	RoHS, REACH, WEEE
Warranty		
Standard Warranty	1 year	1 year



FortiWLM 100D



FortiWLM 1000D

ORDER INFORMATION

Product	SKU	Description
FortiWLM 100D Wireless Manager	FWM-100D	FortiWLM 100D Wireless Network Manager, Maximum 20 Controllers, 1,000 APs, 5,000 Stations and 100 Spectrum Sensors. Includes 50 AP licenses. 4x GE RJ45 ports, 1x RJ45 Serial Console port, 1x 1TB HDD Storage, Single PSU.
	FC-10-WM100-311-02-DD	8x5 FortiCare Contract
	FC-10-WM100-247-02-DD	24x7 FortiCare Contract
FortiWLM 1000D Wireless Manager	FWM-1000D	FortiWLM 1000D Wireless Network Manager, Maximum 250 Controllers, 15,000 APs, 75,000 Stations and 750 Spectrum Sensors. Includes 50 AP licenses. 4x GE RJ45 ports, 4x GE SFP ports, 1x RJ45 Serial Console port, 2x 2TB HDD Storage, Redundant PSU.
	FC-10-WM01K-311-02-DD	8x5 FortiCare Contract
	FC-10-WM01K-247-02-DD	24x7 FortiCare Contract
FortiWLM 100D and FortiWLM 1000D 50 AP Software License	FWM-NM-50-A	FortiWLM 100D and FortiWLM 1000D 50 AP Software License. Includes network management, spectrum analysis, service assurance management and WIPS Features.
	FC-10-WM05L-311-02-DD	8x5 FortiCare Contract
	FC-10-WM05L-247-02-DD	24x7 FortiCare Contract
FortiWLM 100D and FortiWLM 1000D 250 AP Software License	FWM-NM-250-A	FortiWLM 100D and FortiWLM 1000D 250 AP Software License. Includes network management, spectrum analysis, service assurance management and WIPS Features.
	FC-10-WM25L-311-02-DD	8x5 FortiCare Contract
	FC-10-WM25L-247-02-DD	24x7 FortiCare Contract
FortiWLM 100D and FortiWLM 1000D 2500 AP Software License	FWM-NM-2500-A	FortiWLM 100D and FortiWLM 1000D 2500 AP Software License. Includes network management, spectrum analysis, service assurance management and WIPS Features.
	FC-10-WM2KL-311-02-DD	8x5 FortiCare Contract
	FC-10-WM2KL-247-02-DD	24x7 FortiCare Contract



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